



## Department of Medicine 2023 Annual Report Division of Critical Care

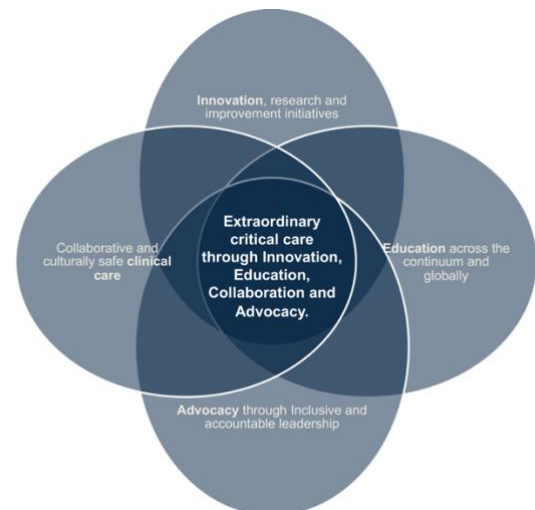
### Divisional Overview:

The UBC Division of Critical Care Medicine is multi-disciplinary in nature with 61 faculty members and 27 Associate, Affiliate and Joint appointment members. Our members are multidisciplinary clinicians, scientists, leaders, and educators who advocate for the diverse critically ill patients and populations of British Columbia and beyond in a way that is respectful, inclusive, timely, and sustainable.

**Our Vision is *Extraordinary Critical Care through innovation, education, collaboration, and advocacy.***

The UBC Division of Critical Care supports extraordinary critical care through:

- Innovation, Research and Quality Improvement
- Education Across the continuum and globally
- Collaborative and culturally safe clinical care
- Advocacy through inclusive and accountable leadership



### Division Head: Dr. Cheryl Holmes,



Clinical Professor and Head of the UBC Department of Medicine's Division of Critical Care also serves as Associate Dean, Undergraduate Medical Education at UBC.

As Head of the Division of Critical Care, she is responsible for supporting the strategic vision of the Division and the Department of Medicine.

Dr. Holmes' academic interests include promoting learner and faculty wellbeing, fostering inclusive and accessible learning environments, social accountability of medical schools, and facilitating the professional identity formation of health professionals.

## Key Division Successes:

- The Division's strategic plan was finalized and implementation of action items began to harmonize and strengthen the division's direction for the next 5 years as modelled by the Department's strategic plan.
- Strong ties in membership and leadership with Critical Care BC, a Provincial Health Improvement Network that provides planning and coordination to address province-wide health system improvement for critical care services were developed.

## Key Challenges:

Our SWOT (Strengths, Weaknesses, Opportunities, and Threats) Analysis conducted as part of our Strategic Plan identified the following areas for improvement and threats:

- Alignment of priorities in teaching, research, care, and administrative domains across the Division, hospitals and with the sector
- Greater focus on embedding EDDI within processes
- Strategic faculty renewal (capacity and level) and succession planning (incl. sustainable funding, endowed chairs)
- Exposure to diverse learning opportunities (subspecialties, clinical, research, rural programs)
- Lack of capacity in our systems to sustain wellness, innovation and resilience to crisis-related risks
- Financial instability hinders ability to sustain and grow mandate
- External forces that increase patient care needs and exacerbate burnout (pandemic, climate)

## Awards in 2023:

### Dr. David Forrest

- Department of Medicine Clinical Faculty Award for Excellence in Quality Improvement and Patient Safety (details [here](#))

### Dr. Ryan Hoiland

- Michael Smith Health Research BC Scholar Program Award (details [here](#))

### Ms. Ana Palomino

- Department of Medicine Staff Award of Excellence (details [here](#))

### Dr. Adam Peets

- Frank S Rutledge Award in Excellence in Critical Care Teaching (details [here](#))
- Only person to have been awarded twice (1<sup>st</sup> awarded in 2012)

### Dr. Steven Reynolds

- CIHR PEER Reviewer Outstanding Contributor

### Dr. Mypinder Sekhon

- Faculty of Medicine Clinical Faculty Award for Excellence in Research (details [here](#))

Department of Medicine Faculty Excellence in Clinical Teaching Honor Roll (details [here](#)):

- [Dr. Kendeep Kalia](#) (Postgraduate Inpatient)
- [Dr. Sonny Thiara](#) (Postgraduate Inpatient)
- [Dr. Vikas Chaubey](#) (Undergraduate Year 4 electives)
- [Dr. Mypinder Sekhon](#) (Undergraduate Year 4 electives)
- [Dr. Donald Griesdale](#) (Undergraduate Year 4 electives)
- [Dr. Vinay Dhingra](#) (Undergraduate Year 4 electives)

### Major Member Achievements - Recognition in 2023:



[Dr. Keith Walley](#) appointed a Member of the Order of Canada for his innovative and translational research in the field of sepsis and septic shock. The Order of Canada recognizes whose service has shaped our society, whose innovations have ignited our imaginations, and whose compassion has united our communities. Dr. Walley has made extraordinary contributions to change the understanding and treatment of sepsis worldwide.

### Education:

*Dr. Mypinder Sekhon – Adult Critical Care Training Program Director, UBC  
Program Administrator: Ms. Ana Palomino*

### Program Highlights:

- New initiative under development offering a Return of Service Ministry funded position to provide health services in designated areas of critical need. This position will cover the Northern Health Authority specifically the University Hospital of Northern British Columbia in Prince George, BC.
- Successful graduation of three fellows (Dr. Simon Hasan, Dr. Duncan Maguire and Dr. Emma Schon) who have completed the training program on June 30, 2023.
- [Royal Jubilee Hospital](#) and [Victoria General Hospital](#) were honored with the selection of “2022/23 Rotation of the Year” amongst all Victoria site Residency Programs in the UBC Basic Clinical year.



### Education Program Directors for Vancouver General Hospital ICU

Dr. David Sweet (Undergrad PD): Julia Cheung- admin

Dr. Kali Romano (Undergrad PD): Julia Cheung- admin

Dr. Myp Sekhon (PD, CCM Fellowship): Ana Palomino- admin

Dr. Erik Vu (International Clinical Fellowship Director): Ana Palomino - admin

### **Education Program Directors for St. Paul's Hospital ICU**

Drs. R. MacRedmond/D Sirounis (Undergrad PD): Kaitlyn Mahoney - admin

Dr. R. MacRedmond (PD, CCM Fellowship SPH Site): Kaitlyn Mahoney - admin

Dr. D. Sirounis (PD, International CCM Fellowship SPH Site): Kaitlyn Mahoney - admin

### **Education Program Director for Surrey Memorial Hospital ICU**

Dr. Bik Man

### **Education Program Director for Royal Columbian Hospital ICU**

Dr. Derek Gunning

### **Division of Critical Care Medicine Education Awards**

- Award for Academic Half-day Teaching Excellence: Dr. Adam Peets
- Award for Clinical Teaching Excellence: Dr. Morad Hameed
- Award for Outstanding Mentorship: Dr. Sonny Thiara
- ACCOLADE Award (Award for exCeptional COntribution to Learning AnD Education (Off-service Faculty Member): Dr. Gary Miller
- ACCOLADE Award (Award for exCeptional COntribution to Learning AnD Education (Multidisciplinary Team Member, i.e.: RN, RT, OT, etc.): Moe Arbab Hesari

### **Research:**

UBC Research Funding/Grants: \$846K Number of publications: 79

\* additional contributions made by our highly productive division members have been reported with Centre for Heart Lung Innovation or with joint departments.

Lead by Dr. Mypinder Sekhon, The Collaborative Entity for CeREBrovasculaR Ischemia (CEREBRI) initiative through the UBC Cluster award will focus their efforts on researching breakthroughs to manage and understand oxygen availability in the brain. The group has organized monthly lectures to cover the interconnected topics of cerebral ischemia and an interdisciplinary meeting is in the works for 2024.

Dr. Ryan Hoiland started his first year as Assistant Professor with the Michael Smith BC Scholar Program award that supports early-career health researchers. Dr. Hoiland's focus is on treatment of brain injury from post-cardiac arrest patients and how to restore oxygen levels to the brain.

Dr. Steven Reynolds, awarded the Michael Smith Health Research BC: Health Professional-Investigator Award to improve health outcomes in BC and beyond. His project to study phrenic nerve pacing aims to improve outcomes in mechanically ventilated patients with acute respiratory distress syndrome. Dr. Reynolds was also awarded Outstanding reviewer in 2023 by the CIHR, in recognition of his exemplary contribution to peer review.